IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Inventors: Wei-Wei Zhuang and Sheng Teng Hsu Serial No.: Not Yet Assigned Filed: Herewith Title: **DEVICE AND METHOD FOR** REVERSIBLE RESISTANCE CHANGE INDUCED BY **ELECTRIC PULSES IN NON-**CRYSTALLINE PEROVSKITE UNIPOLAR PROGRAMMABLE

PATENT APPLICATION

Attorney Docket No. **SLA 0622**

Honorable Commissioner for Patents Washington, D.C. 20231

MEMORY

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Sir:

Listed on attached Form PTO-1449 is information submitted pursuant to 37 C.F.R. §1.56. A copy of each listed publication is submitted herewith.

Applicant respectfully requests that the listed information be considered by

the Examinar and made of record in the labove-identified application.

Respectfully bubmitted

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| 1449A/PTO | | | U.S. Department of Commerce Patent and Trademark Office | | 22. | |
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| Rev. 10/95 Patent and Trademark Office | | | ratent and Trademark Office | Application Number | | 072. |
| LIST OF PRIOR ART CITED BY APPLICANT | | | | Filing Date | February 7, 2002 | 10/ |
| | | | | First Named Inventor | Weiwei Zhuang | S |
| | | | | Group Art Unit | | |
| (use as many sheets as necessary) | | | necessary) | Examiner Name | | |
| Sheet | 1 | of | 1 | Attorney Docket No. | SLA.0622 | |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|--------------|---|---|--|--|--|
| Examiner Initials | Cite No.1 | U.S. Patent Document Kind Number Code ² (if know | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YY | Pages, Columns, Lines, Where Relevant Passages of Figures Appear | |
| | | 6,204,139 B1 | Liu et al. | | | |
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| OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS | | | | | |
|---|--------------------------|---|----|--|--|
| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, country where published, source. | T² | | |
| | | Liu et al., Electric-pulse-induced reversible resistance change effect in magnetoresistive films, Applied Physics Letters, Vol. 76, No. 19; May 8, 2000, pp 2749-2751 | | | |
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| Examiner | Date | |
| Signature | Considered | |

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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